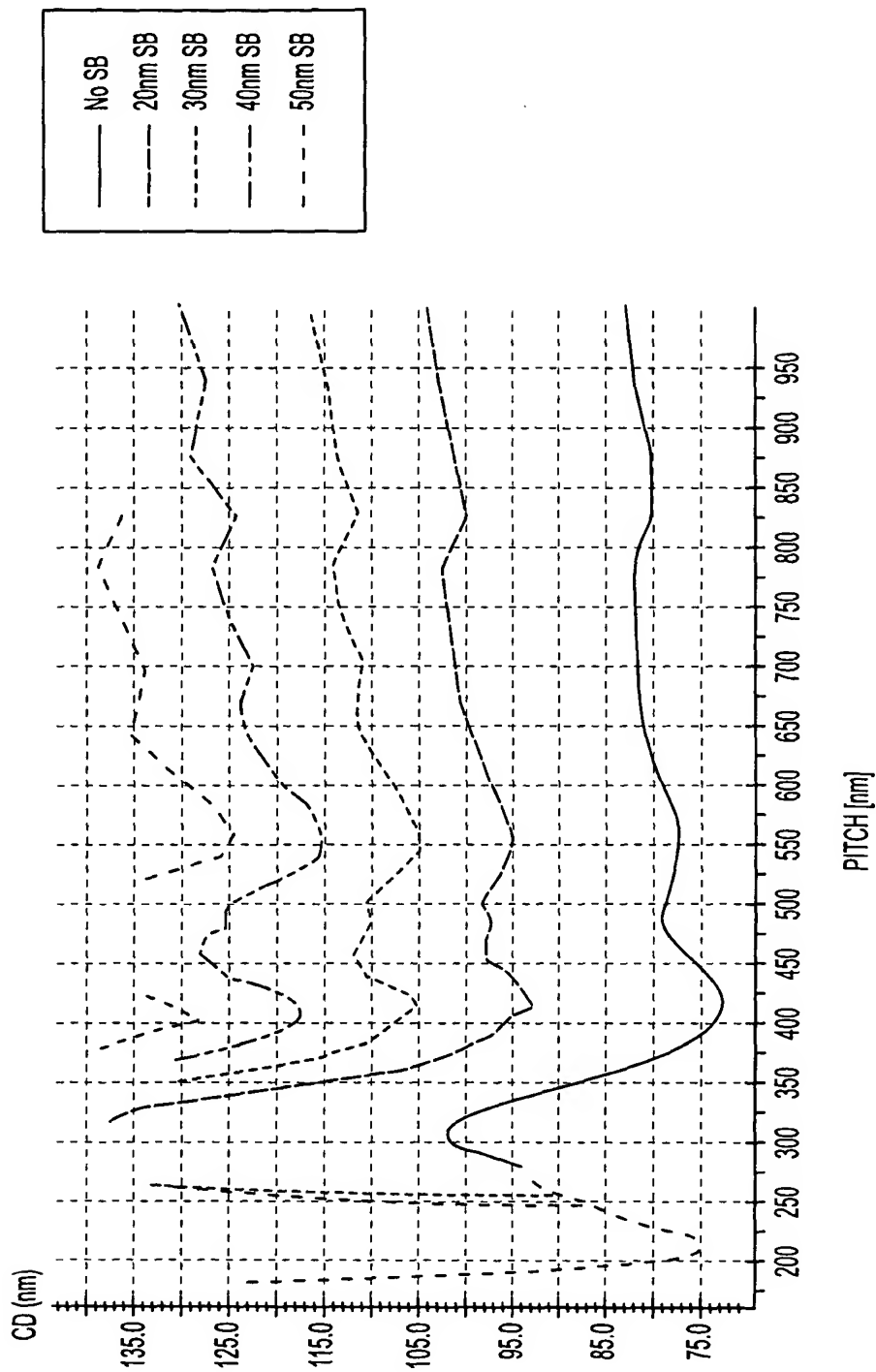


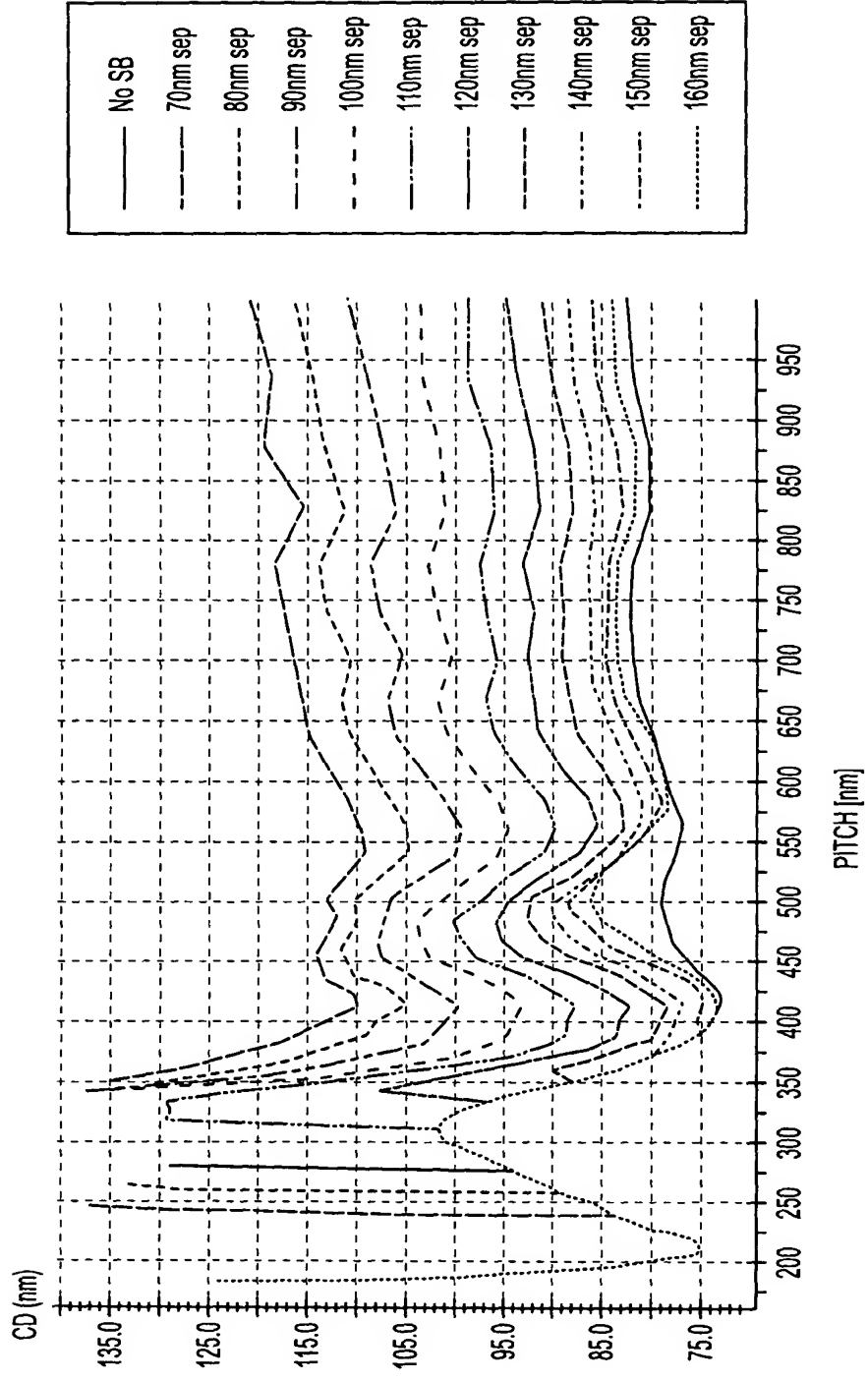
GENERIC DUV/ArF (193nm) / 4X
NA=0.75, QUASAR (0.87, 0.57)

FIG. 1



GENERIC DU/AF (193nm) / 4X
NA=0.75, QUASAR (0.87, 0.57)

FIG. 2



GENERIC DUV/ArF (193nm) / 4X
NA=0.75, QUASAR (0.87, 0.57)

FIG. 3

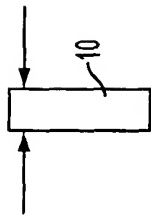


FIG. 4a

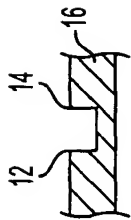


FIG. 4b

PITCH = 300nm
QUASAR ILLUMINATION SETTING:
(.85 OUTER/.55 INNER/30 DEGREE)

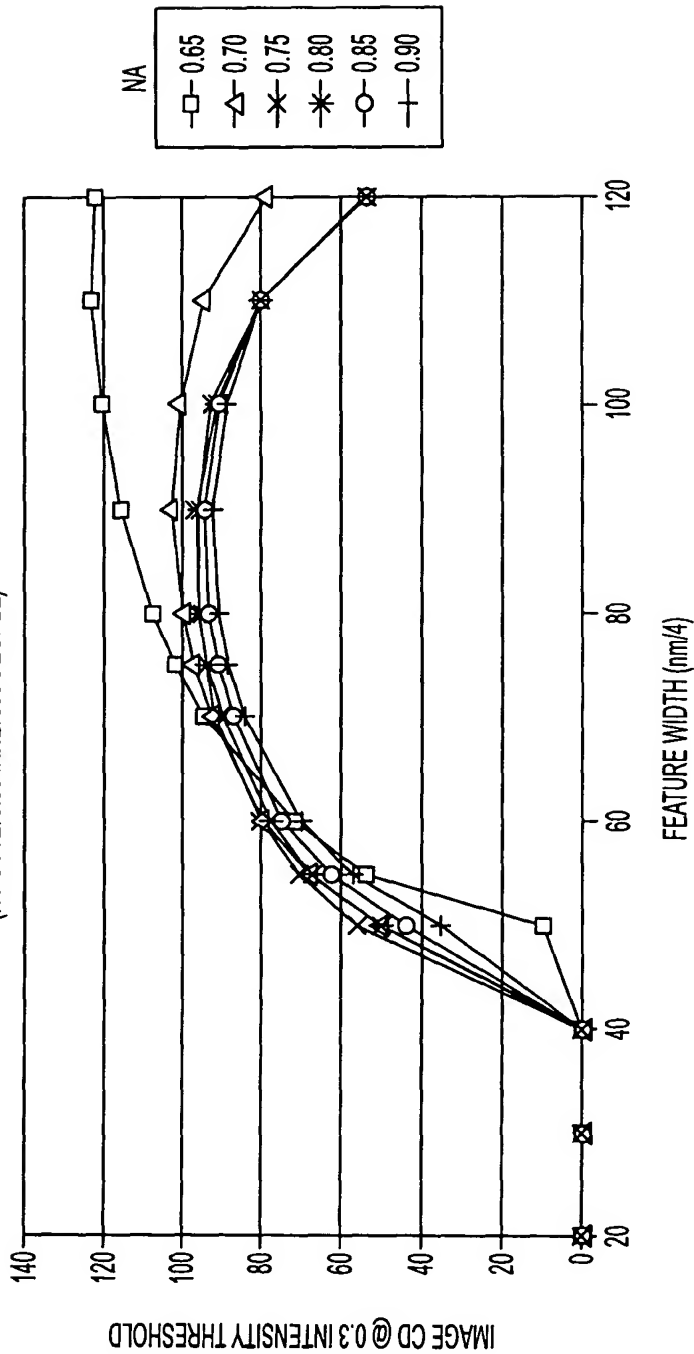


FIG. 4c

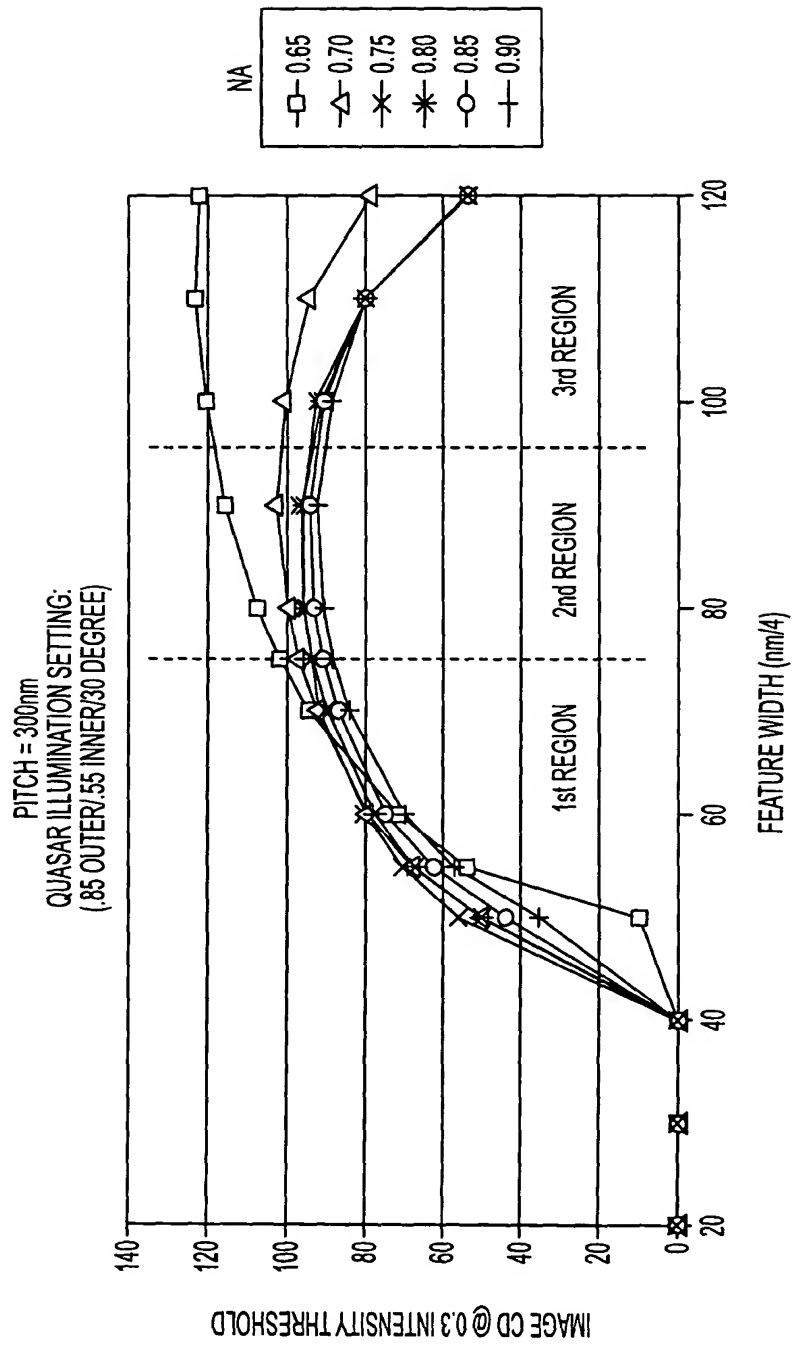


FIG. 5

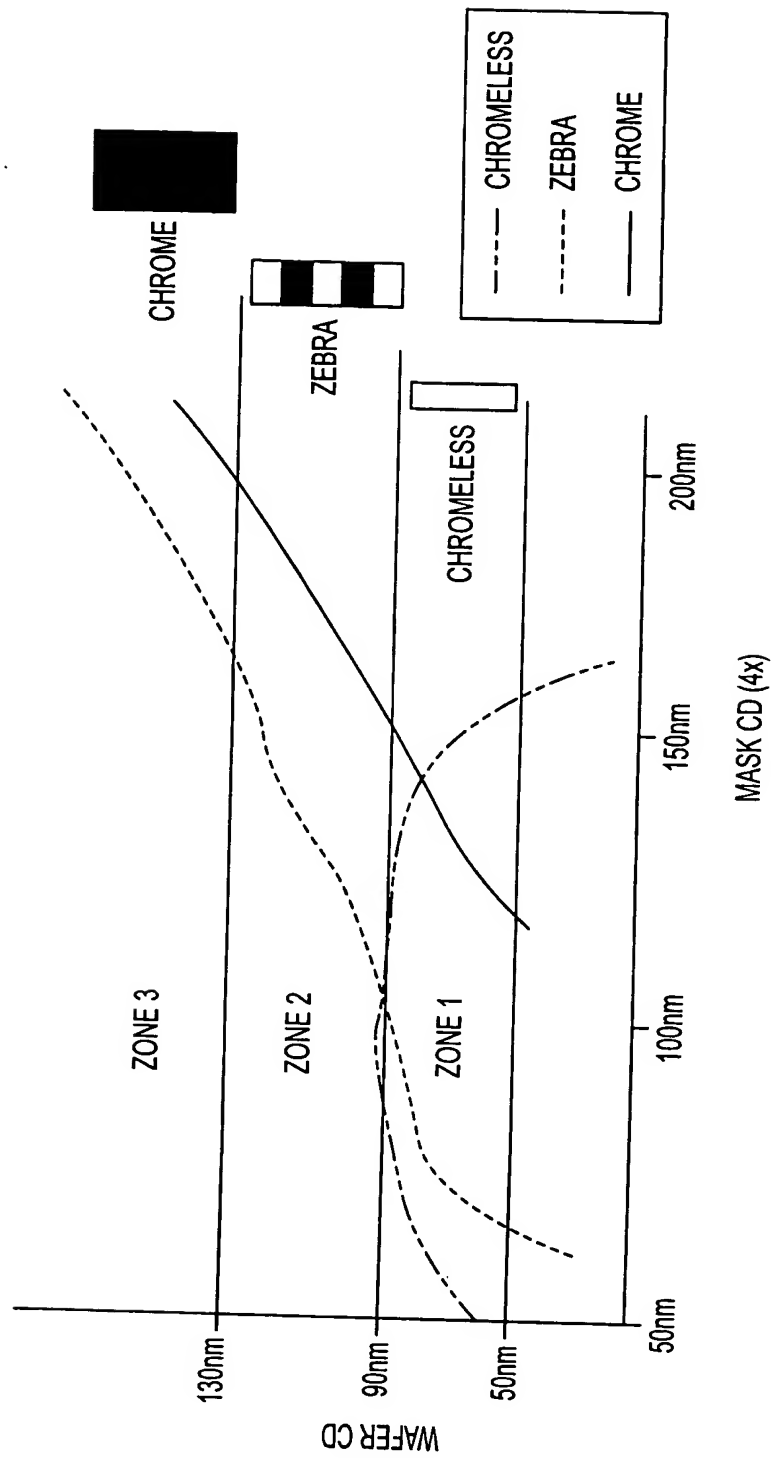


FIG. 6

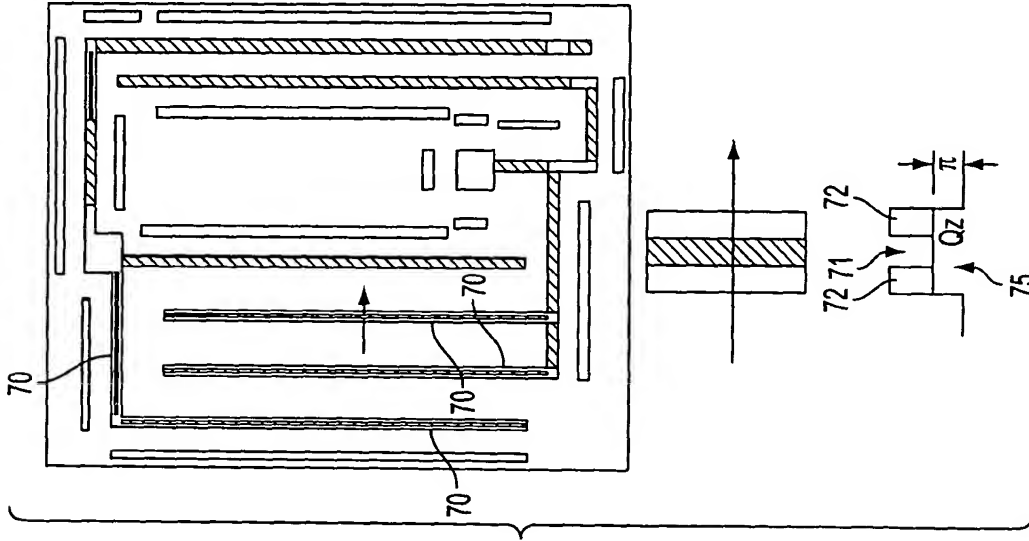


FIG. 7a

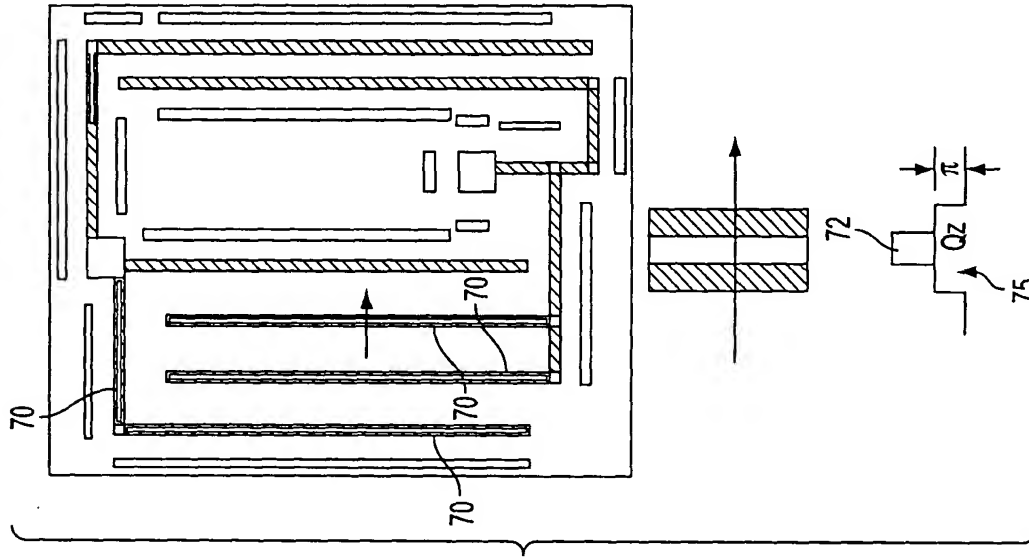


FIG. 7b

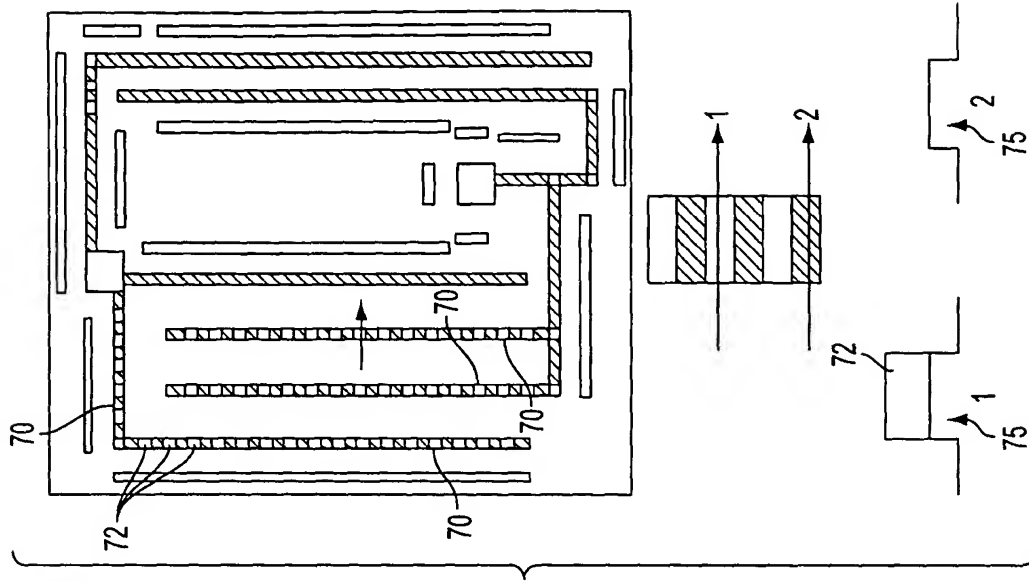
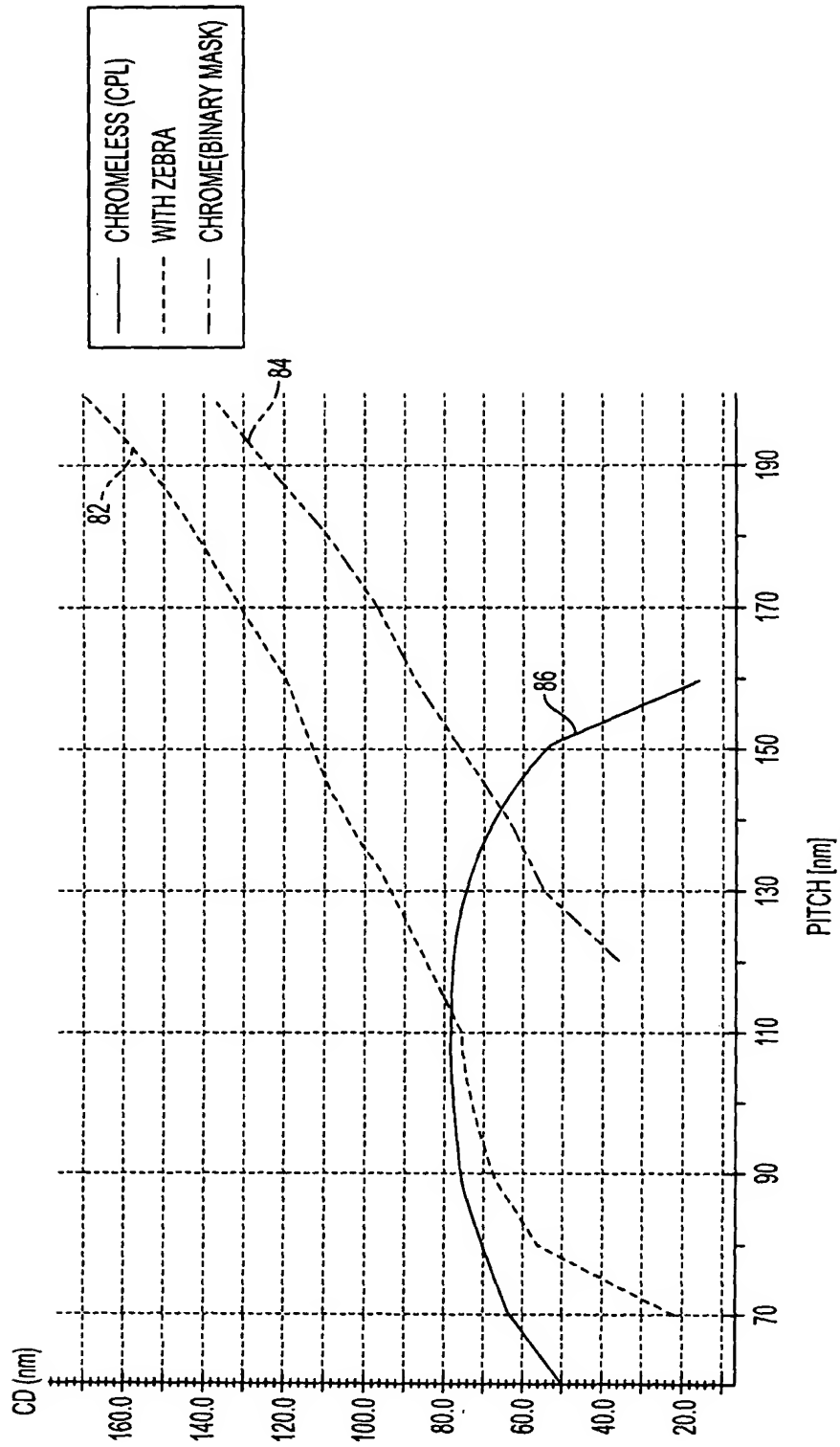


FIG. 7c



GENERIC DUV/ArF (193nm) / 4X
NA=0.75, ANNULAR (0.92, 0.72)

FIG. 8

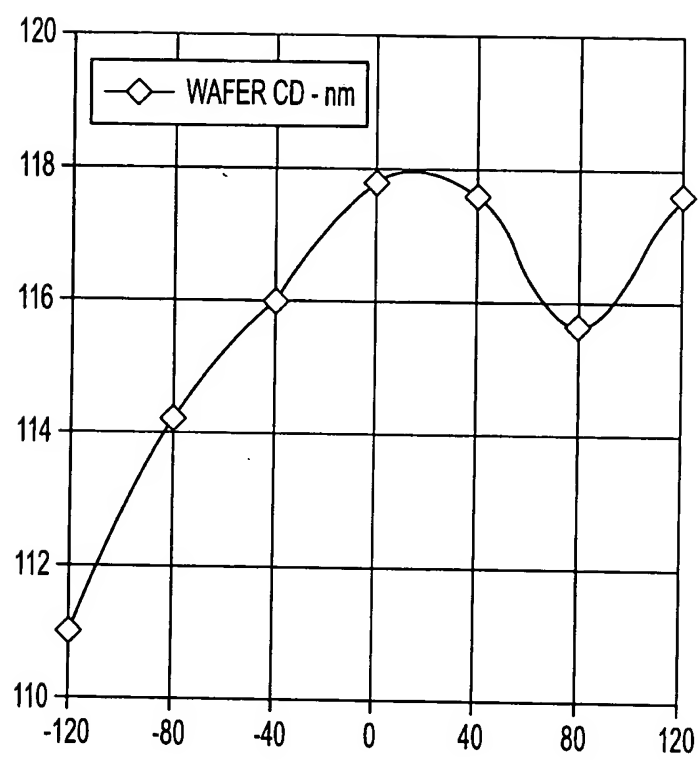


FIG. 10

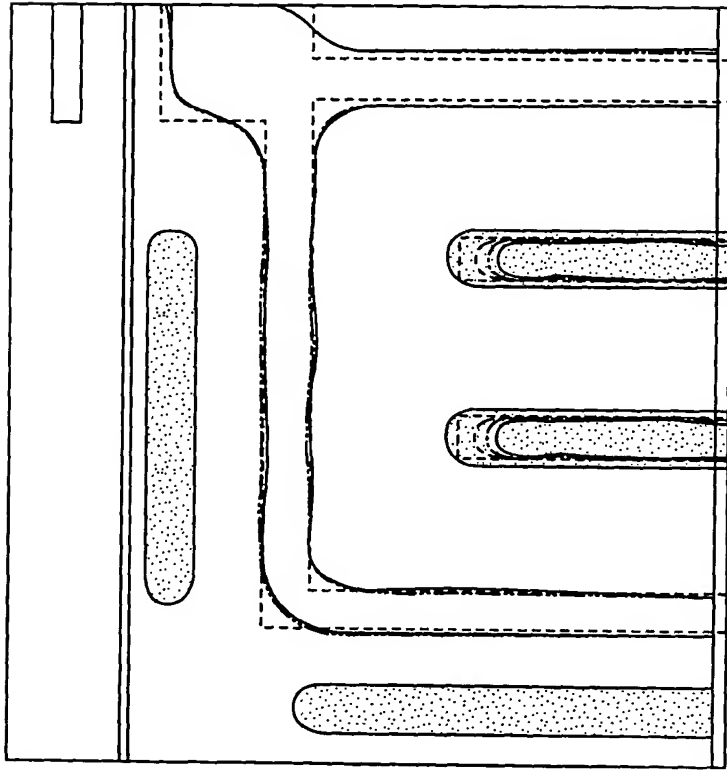
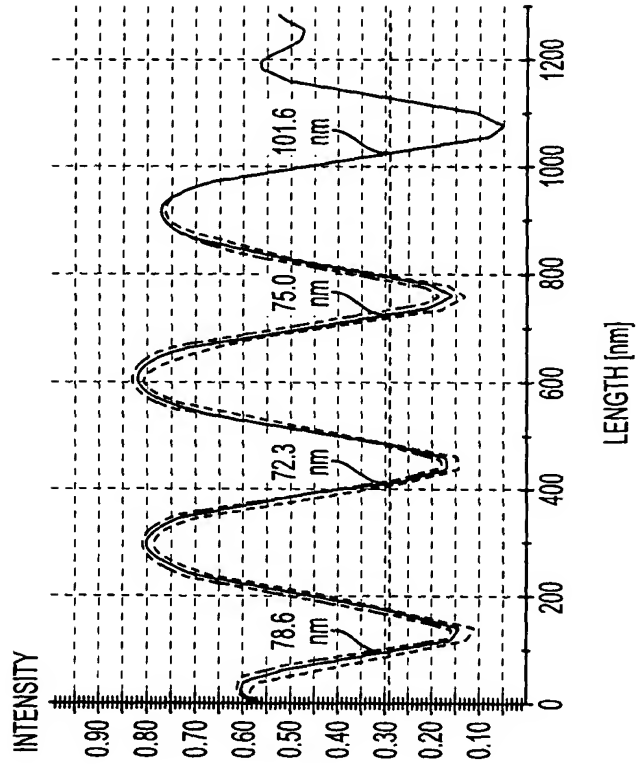


FIG. 11a



ASML PAS 5500/1100 (193 nm) / 4x
NA=0.75, ANNULAR (0.85,0.50)

FIG. 11b

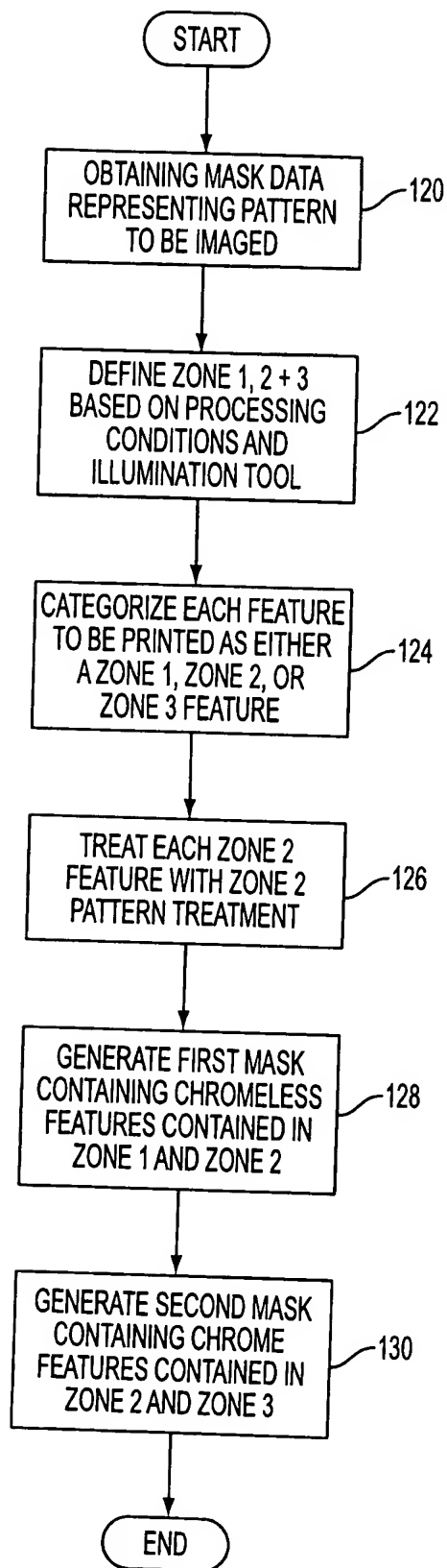


FIG. 12

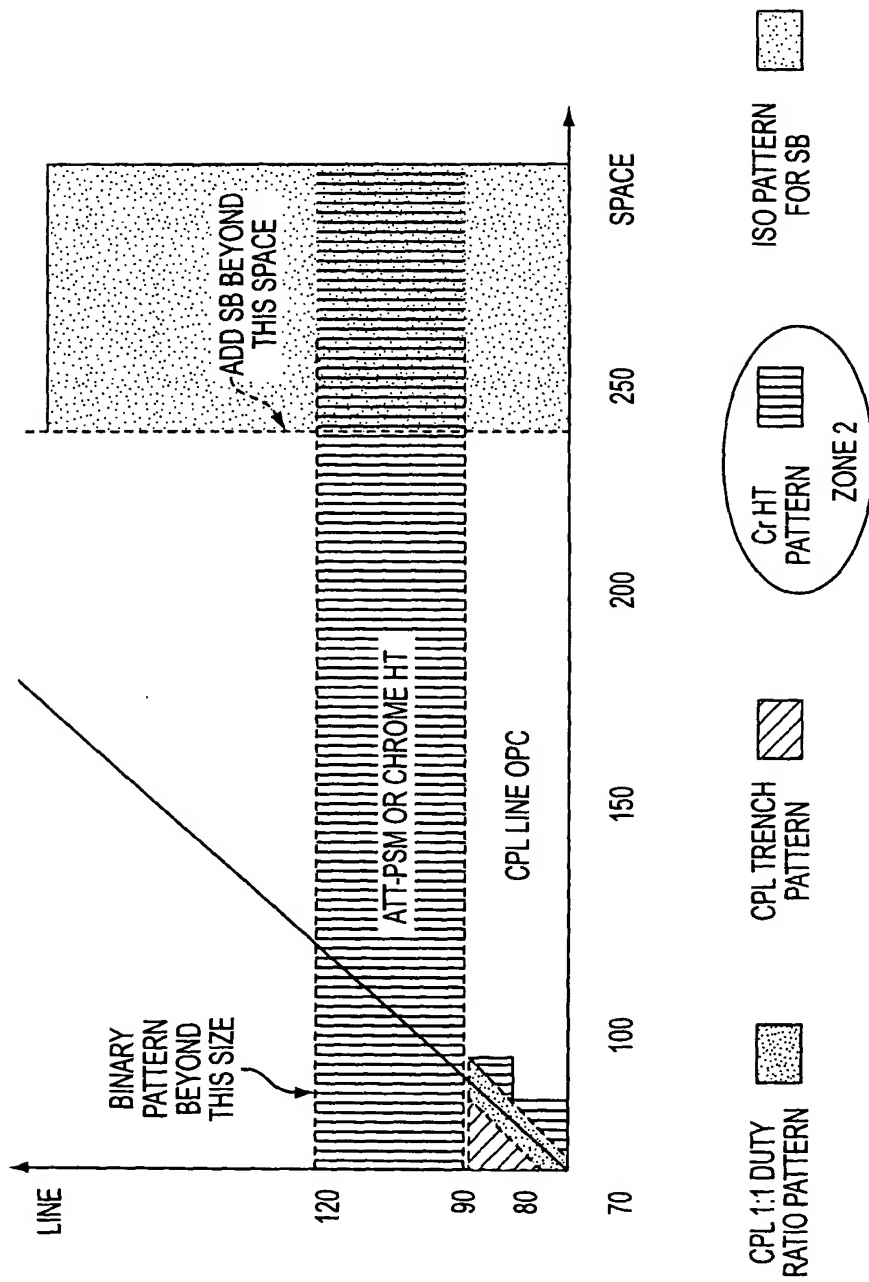


FIG. 13

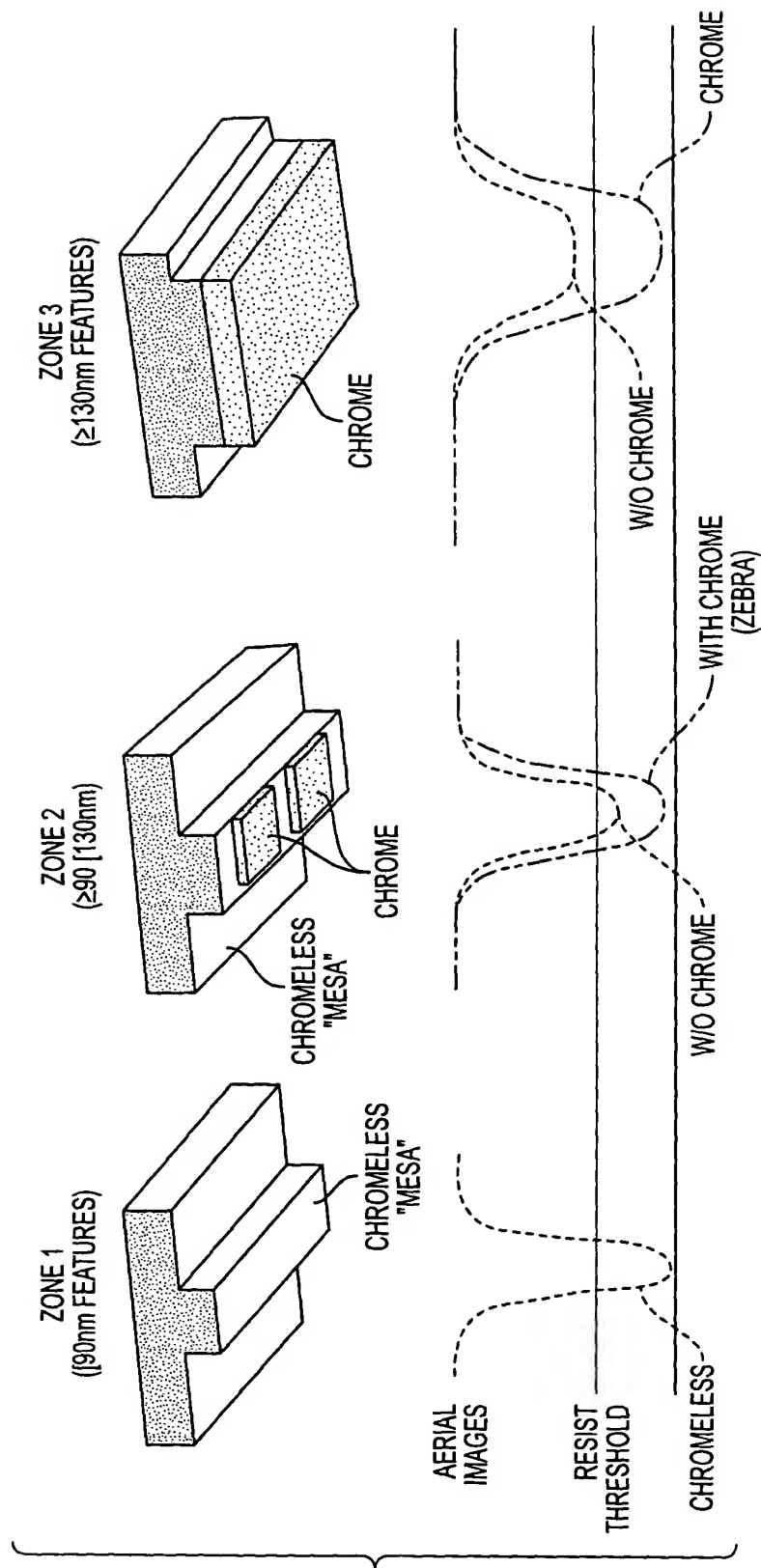


FIG. 14

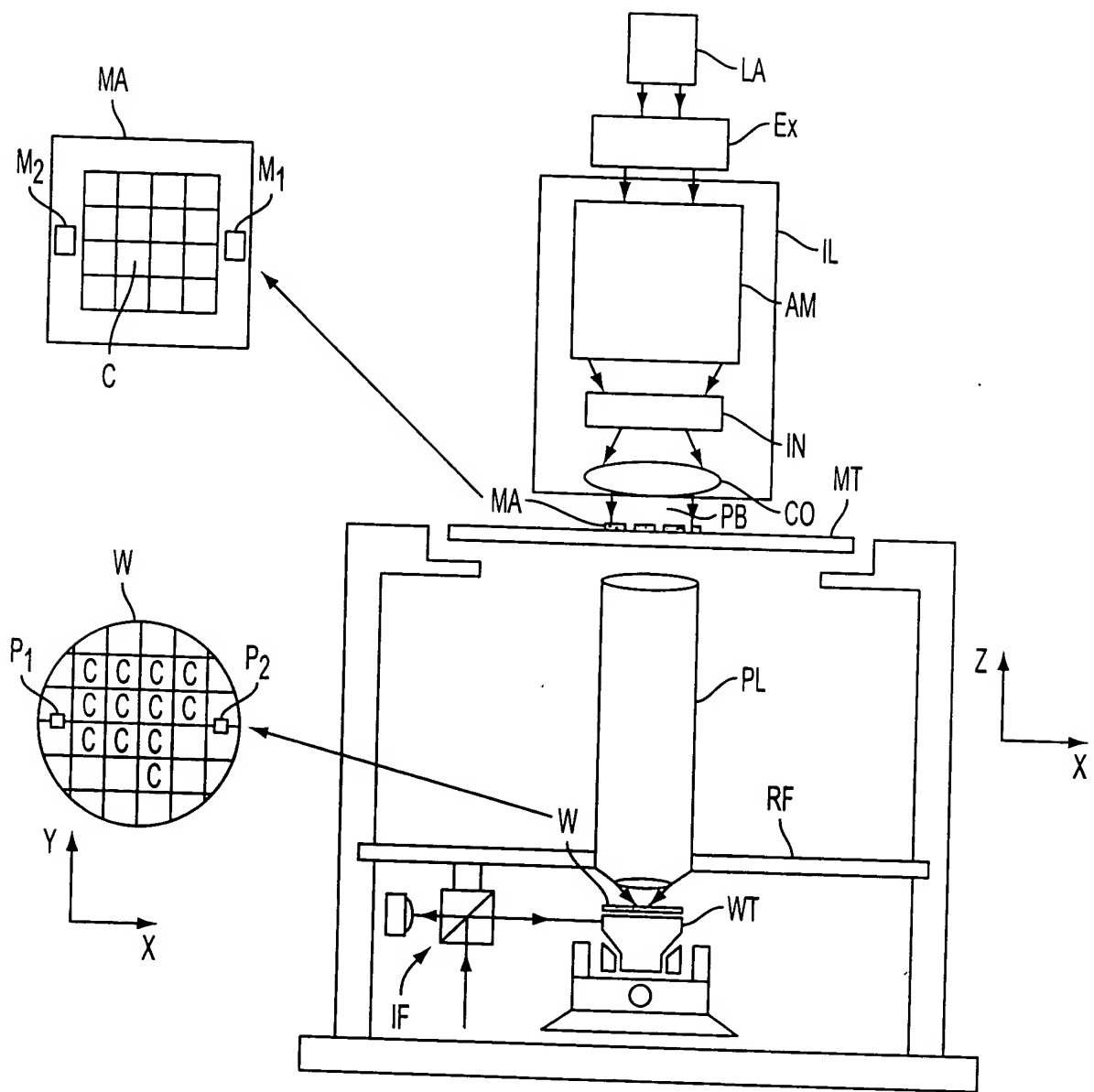


FIG. 15